

File Copy
09/955462

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Bo	
Search PubMed	for (cell extract) AND (methylated cap)		Go		Clear				
Limits		Preview/Index		History		Clipboard		Details	

Display	Summary	Show: 20	Sort	Send to	File
Items 1-5 of 5					One page.

Entrez PubMed

- ☐ 1: [Salehi Z, Geffers L, Vilela C, Birkenhager R, Ptushkina M, Berthelot K, Ferro M, Gaskell S, Hagan I, Stapley B, McCarthy JE.](#) [Related Articles, Links](#)

A nuclear protein in *Schizosaccharomyces pombe* with homology to the human tumour suppressor Fhit has decapping activity.

Mol Microbiol. 2002 Oct;46(1):49-62.

PMID: 12366830 [PubMed - in process]

PubMed Services

- ☐ 2: [Gerstel B, Tuite MF, McCarthy JE.](#) [Related Articles, Links](#)

The effects of 5'-capping, 3'-polyadenylation and leader composition upon the translation and stability of mRNA in a cell-free extract derived from the yeast *Saccharomyces cerevisiae*.

Mol Microbiol. 1992 Aug;6(16):2339-48.

PMID: 1406273 [PubMed - indexed for MEDLINE]

Related Resources

- ☐ 3: [Dobrzanski P, Hoeveler A, Doerfler W.](#) [Related Articles, Links](#)

Inactivation by sequence-specific methylations of adenovirus promoters in a cell-free transcription system.

J Virol. 1988 Nov;62(11):3941-6.

PMID: 2459407 [PubMed - indexed for MEDLINE]

- ☐ 4: [Brown A, Pan CJ, Marzluff WF.](#) [Related Articles, Links](#)

Methylation of ribonucleic acid in a cell-free system from mouse myeloma cells.

Biochemistry. 1982 Aug 31;21(18):4303-10.

PMID: 6181806 [PubMed - indexed for MEDLINE]

- ☐ 5: [Hellmann GM, Chu LY, Rhoads RE.](#) [Related Articles, Links](#)

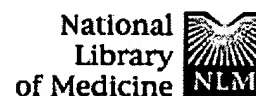
A polypeptide which reverses cap analogue inhibition of cell-free protein synthesis. Purification and binding to capped oligonucleotides.

J Biol Chem. 1982 Apr 25;257(8):4056-62.

PMID: 7068625 [PubMed - indexed for MEDLINE]

Display	Summary	Show: 20	Sort	Send to	File
Items 1-5 of 5					One page.

[Write to the Help Desk](#)



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Bo
Search	PubMed	▼	for	(cell extract) AND methyl AND cap	Go	Clear		
		Limits	Preview/Index	History	Clipboard	Details		
Display		Summary	▼	Show: 20	▼	Sort	▼	Send to File
Items 1-8 of 8								One page.

Entrez PubMed

- ☐ **1:** [Ohno M, Kataoka N, Shimura Y.](#) Related Articles, Links
A nuclear cap binding protein from HeLa cells.
Nucleic Acids Res. 1990 Dec 11;18(23):6989-95.
PMID: 2148205 [PubMed - indexed for MEDLINE]

PubMed Services

- ☐ **2:** [Gupta S, Singh R, Reddy R.](#) Related Articles, Links
Capping of U6 small nuclear RNA in vitro can be uncoupled from transcription.
J Biol Chem. 1990 Jun 5;265(16):9491-5.
PMID: 2345179 [PubMed - indexed for MEDLINE]

Related Resources

- ☐ **3:** [Kijne JW, Smit G, Diaz CL, Lugtenberg BJ.](#) Related Articles, Links
Lectin-enhanced accumulation of manganese-limited Rhizobium leguminosarum cells on pea root hair tips.
J Bacteriol. 1988 Jul;170(7):2994-3000.
PMID: 3384802 [PubMed - indexed for MEDLINE]

- ☐ **4:** [Birchenall-Sparks MC, Roberts MS, Rutherford MS, Richardson A.](#) Related Articles, Links
The effect of aging on the structure and function of liver messenger RNA.
Mech Ageing Dev. 1985 Oct 14;32(1):99-111.
PMID: 2423817 [PubMed - indexed for MEDLINE]

- ☐ **5:** [Brown A, Pan CJ, Marzluff WF.](#) Related Articles, Links
Methylation of ribonucleic acid in a cell-free system from mouse myeloma cells.
Biochemistry. 1982 Aug 31;21(18):4303-10.
PMID: 6181806 [PubMed - indexed for MEDLINE]

- ☐ **6:** [Mizumoto K, Lipmann F.](#) Related Articles, Links
Transmethylation and transguanylation in 5'-RNA capping system isolated from rat liver nuclei.
Proc Natl Acad Sci U S A. 1979 Oct;76(10):4961-5.
PMID: 291913 [PubMed - indexed for MEDLINE]

- ☐ **7:** [Wodnar-Filipowicz A, Szczesna E, Zan-Kowalczevska M, Muthukrishnan S, Szybiak U, Legocki AB, Filipowicz W.](#) Related Articles, Links
5'-Terminal 7-methylguanosine and mRNA function. The effect of

enzymatic decapping and of cap analogs on translation of tobacco-mosaic-virus RNA and globin mRNA in vitro.

Eur J Biochem. 1978 Dec 1;92(1):69-80.

PMID: 729595 [PubMed - indexed for MEDLINE]

☐ 8: [Wei C, Moss B.](#)

[Related Articles, Links](#)

5'-Terminal capping of RNA by guanylyltransferase from HeLa cell nuclei.

Proc Natl Acad Sci U S A. 1977 Sep;74(9):3758-61.

PMID: 269428 [PubMed - indexed for MEDLINE]

Display	Summary	<input checked="" type="checkbox"/>	Show: 20	<input checked="" type="checkbox"/>	Sort	<input checked="" type="checkbox"/>	Send to	File	<input checked="" type="checkbox"/>
Items 1-8 of 8								One page.	

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Freedom of Information Act](#) | [Disclaimer](#)

ic80-pe-linux-gnu Dec 2 2002 12:27:48

0